

**PHENOMENA OF SOUND.**—Many remarkable sounds in nature are produced by repeated reflection from surfaces. In some situations the sound of a cascade is concentrated by the surface of a neighbouring cave, so that a person accidentally entering it is startled at the uproar. In the gardens of Les Rochas, once the well-known residence of Madame de Sevigné, is a remarkable echo, which illustrates finely the conducting and reverberating power of a flat surface. The Chateau des Rochas is situated not far from the interesting and ancient town of Vitré. A broad gravel walk on a dead flat conducts through the garden to the house. In the centre of this, on a particular spot, the listener is placed at the distance of about ten or twelve yards from another person, who, similarly placed, addresses him in a low, and, in the common acceptance of the term, *inaudible* whisper, when "Lo! what myriads rise!" for immediately, from thousands and tens of thousands of invisible tongues starting from the earth beneath, or as if every pebble were gifted with powers of speech, the sentence is repeated with a slight hissing sound, not unlike the whirling of small shot passing through the air. On removing from this spot, however trifling the distance, the intensity of the repetition is sensibly diminished, and within a few feet ceases to be heard. Under the idea that the ground was hollow beneath, the soil has been dug up to a considerable depth, but without discovering any clue to the solution of the mystery. On looking round for any external cause, the observer who has supplied this description, says, "I felt inclined to attribute the phenomenon to the reflecting powers of a semicircular lime garden wall, a few yards in the rear of the listener, and in front of the speaker, although there was no apparent connection between the transmission of sound from the gravel walk and this wall. The gardener, however, to whom I suggested this, assured me that I was wrong, since within his memory the wall had been taken down and rebuilt, and that in the interim there was no perceptible alteration in the unaccountable evolution of these singular sounds."

**YORK—THE GREAT CLOCK BELL.**—A second meeting of the churchwardens of the several parishes in York was held at St. Peter's School Room, on Wednesday evening week. It was stated by W. Oldfield, Esq., who occupied the chair, that the two gas companies had expressed their readiness to contribute to the fund, and that the sum which they intended each to give was ten guineas. Mr. John Robinson, of Stonegate, read a letter which he had received from J. B. Rudd, Esq., of Guisbrough, in which that gentleman intimated his intention of subscribing 5*l.* in case the weight of the bell should not be less than eight tons, and 1*l.* for every additional cwt. which the bell shall weigh above eight tons. Mr. Rudd also suggested that the question as to the name of the bell should be at once settled by calling it "St. Peter," after the minister. Mr. White suggested the propriety of steps being taken to secure an arrangement for the bell, when erected, being thrown open to the inspection of the public, free of expense. There was a strong feeling on this subject, and he felt sure that many persons would be deterred from subscribing, if they thought that the bell was to be shut up and inaccessible, except by payment of fees to the vergers at the cathedral. The meeting adjourned.

**MOZART'S MONUMENT.**—A Vienna journal mentions a circumstance which reflects great honour on the celebrated singer, Madame Hasselt Barth. That lady has recently erected, at her own expense, a monument over the too long neglected grave of Mozart. On a table of grey marble are inscribed, in letters of gold, "Jung, gross, spat, erkannt, nie erreicht," (young, great, late acknowledged, never equalled). This inscription, briefly characterising the talent of Mozart, is surmounted by a medallion head of the great composer. It may be mentioned that the hitherto unauthenticated dates of Mozart's death and burial are now verified beyond doubt. The uncertainty which prevailed respecting the place of his interment is now also removed. His grave was supposed to be in the Matzlemdorfer churchyard; but it is now certain that his ashes repose in the St. Marxer burial-place.—*Foreign Quarterly Review.*

## Tenders.

**TENDERS delivered for new Schools in Bunhill-row.—J. Griffith, Esq., Architect. May 3.**

Curtis .....	£1,470
Piper .....	1,451
Grimdell .....	1,427
Ward .....	1,423
Lee .....	1,389
Haines and Co. ....	1,364

**TENDERS delivered to the Town Council of Northampton, on Tuesday, April 30, for building a new Town Gaol:—**

Wilson (Birmingham) .....	£14,300
Ireson (Northampton) .....	14,200
Masters and Mott (ditto) .....	13,975
Kirk (Sleaford) .....	13,540
Wykes (Leicester) .....	13,518

**TENDERS delivered for the erection of warehouses, Friday-street, City, the 9th inst., at 11 o'clock in the forenoon.**

Mansfield .....	£17,950
Lee .....	17,650
Bridge .....	17,525
Cubitt .....	17,480
Nicholson .....	17,390
Baker .....	17,373
Jackson .....	17,307
Winland .....	17,147
Piper .....	16,987
Webb .....	16,860
Lawrence .....	16,687
Grisell .....	16,598
Burton .....	16,515
Grimdale .....	16,390

## Current Prices of Metals.

May 7, 1844.

	£.	s.	d.	£.	s.	d.
SPELTER.—Foreign ton ..	0	0	0	23	0	0
" For delivery ..	21	15	0	22	0	0
ZINC.—English sheet ....	0	0	0	30	0	0
QUICKSILVER .....	per lb.	0	4	6		
IRON.—English bar, &c. ....	per ton	6	10	0		
" Nail rods .....	0	0	0	7	0	0
" Hoops .....	8	0	0	8	10	0
" Sheets .....	9	5	0	9	10	0
" Cargo in Wales ..	0	0	0	5	15	0
" Pig, No. 1, Wales ..	4	0	0	4	5	0
" No. 1, Clyde ..	3	8	0	3	10	0
" For. Swedish ..	0	0	0	10	10	0
" Russian, COND. ....				16	10	0
STEEL.—Swedish keg, p. ton ..	0	0	0	19	0	0
" " Eggot ..	0	0	0	19	10	0
COPPER.—English sheathing, per lb. ....	0	0	0	9	4	
" Old .....	ditto.	0	0	8	4	
" Cake p. ton ..	0	0	0	83	0	0
" Tile .....	0	0	0	82	0	0
" S. American ..	75	0	0	76	0	0
TIN.—English, blocks, &c. cwt. ....				3	13	0
" bars .....	0	0	0	3	14	6
" Foreign, Banca ..	0	0	0	3	8	0
" Straits .....	0	0	0	3	4	0
" Peruvian ..	0	0	0	3	0	0
Tin plates, No. 1C. p. box ..	1	8	0	1	12	0
" No. 1X .....	1	14	0	1	18	0
" wasters 3s. p. box less ..						
LEAD.—Sheet milled .....	per ton	17	15	0		
" Shot, patent .....	0	0	0	19	15	0
" Red .....				21	10	0
" White .....				23	10	0
PIG-LEAD.—English .....	0	0	0	17	0	0
" Spanish .....	0	0	0	16	10	0
" American ..	0	0	0	16	5	0

## SHORT AND MAHONY, Brokers,

1, Newman's-court, Cornhill.

## ERRATA.

Page 224, col. 3, line 42 from bottom, for "Warwick" read "Norwich."

Page 229, col. 3, line 35, for "remains" read "remain."

## TO OUR CORRESPONDENTS.

We have transmitted to the printers for explanation the letter of our Newcastle correspondent. We have only stated the endeavour. The cost will be given last by the makers, who, we hope, will satisfy our correspondent.

Our correspondent who wishes to shade the base of a column correctly, will find it quite a mathematical affair, and not one of guess. The forms of all shadows depend upon the shapes of the objects intercepting light and of those receiving it. We refer our correspondent to Gault's and Nicholson's works, and to the study of nature, whose parallel rays are partly ousted by one object, and partly received by another, hence shadows of particular forms are said to fall, though the proper phrase would be to say "they are left."

We are requested to state that Messrs. Burton's estimate for the repair of Sadlers' Hall was 427*l.* and not 534*l.*

It would be impossible for our engraver to execute properly the architectural details of the Tipperary Church from the sketches sent to us, they not being made out with sufficient exactness.

Bishop Ridley's Seal by all means.

We are unable this week to answer our other correspondents, and have, through want of space, reluctantly been compelled to omit several valuable articles which are set up ready for insertion.

## NOTICES OF CONTRACTS.

For painting Bramtree Union Workhouse.—Mr. Poole, Workhouse. May 13.

For the works required at Mutford Bridge.—Plans, &c., Mr. George Thompson, County Surveyor; J. H. Burton, Bury St. Edmunds. May 15.

For building and finishing Hotel opposite Railway Station, Nottingham.—Plans, &c., Mr. Winter, Surveyor. May 15.

For re-building the Western Pier of the Humber Dock Basin, and the removal of the present Pier included, or to be provided for in a separate tender, as may be most convenient.—Secretary to the Dock Company at Kingston-upon-Hull. Plans, &c., at Mr. Michael Lane's, Engineer, Castle-street, Hull. May 20.

For making a plan and taking levels of all the drains in the town of Kingston-upon-Hull, and the Lordship of Myton.—Further particulars of Mr. R. Witty, Surveyor, 11, Sykes-street, Hull. May 22.

For erecting a bridge over the Waveney, between Diss and Stoston.—Plans, &c., from 1st to 8th inst., at Mr. Farrow's, Diss; from 8th to 15th at Suffolk Hotel, Ipswich; and from 15th to 22nd at Royal Hotel, Norwich; Clare Alger, Secretary, Auctioneer and Land Surveyor, Diss. May 23.

For the erection of an Iron Bridge of one arch, of one hundred and ten feet span, intended to be built over the river Avon, at Bath.—P. George, Esq., Town Clerk, Bath.—Drawings, &c., at G. P. Manners, Esq., Architect, No. 1, Oxford-row, Bath. May 31.

For enlarging, straightening, and improving the course of the rivers Devon and Smite, and the Cardyke, in the parishes of Hawton, Farndon, &c. &c., in the counties of Nottingham and Leicester, and for the erection of, building, enlarging, &c., the several bridges connected with the above works.—Specifications, &c., Mr. Talents, Newark. June 1.

For the executing of certain works for the improvement of Aberdeen Harbour.—Plans, &c., Mr. Abernethy, 69, Waterloo-quay, Aberdeen. June 20.

## PREMIUM.

£50 for the selected plan, elevation, and estimate for the erection of two Chapels and an entrance-lodge, with gateway, on the eastern side of Southampton Cemetery.—Plan and section of ground Mr. Dowell, Albion-place, Southampton; C. E. Deacon, Secretary. May 22.

## MEETINGS OF SCIENTIFIC BODIES,

To-day and during the ensuing week.

SATURDAY, MAY 11.—Royal Botanic, Regent's-park, 4 P.M.; Asiatic, 14, Grafton-street, 2 P.M. (anniversary.)

MONDAY, 13.—Geographical, 3, Waterloo-place, 8½ P.M.; Medical, Bolt-court, Fleet-street, 8 P.M.

TUESDAY, 14.—Civil Engineers, 25, Great George-street, 8 P.M.; Medical and Chirurgical, 53, Berners-street, 8½ P.M.; Zoological, 57, Pall Mall, 8½ P.M.; Free-asons of the Church, 18th Chapter, 8 P.M.

WEDNESDAY, 15.—Society of Arts, Adelphi, 8 P.M.; Geological, Somerset House, 8½ P.M.; Microscopical, 21, Regent-street, 8 P.M.

THURSDAY, 16.—Royal, Somerset House, 8½ P.M.; Antiquaries, Somerset House, 8 P.M.

FRIDAY, 17.—Royal Institution, Albemarle-street, 8½ P.M.